



## THE VOLETTE

## Background For Technology, Or Are You An Engineer?

## HORTICULTURE



Meet Mr. Kroll, head of English department and well known Southern novelist.

## Well-Known Novelist Heads English Department

Mr. Harry C. Knoll, head of the Plunkett department at the University of Chicago, is one of the oldest members of the twenty members of years of service, having been training here approximately fifteen years. He is an author of fiction in both the form of the novel and short story. His short stories have appeared in such literary magazines as Atlantic Monthly, Esquire, The Midland and others reaching markets as popular magazines such as Playboy, Gentlemen, Progressive, Family Household, Holland and the Keen in the regions publication of the Baptist and Methodist publishing houses and the Lutheran and Presbyterian and Christian boards of publication in Philadelphia and St. Louis. Mr. Knoll has published many hundreds of writings designed to the religious and juvenile markets. Other writings have been detective stories and adventure tales for the public.

## UTJC Makes Use Of Audio-Visual Aids

The University of Tennessee Junior College has accepted the thesis that "much learning that has been presented through the printed word can much better be presented through pictures."

In pursuing this thesis there was established at the Junior College several years ago an Audio-Visual Committee for the purpose of encouraging the use of motion pictures, film strips and slides, charts, maps, recordings, and other audio-visual aids, and of facilitating the securing of these aids

The program that has been developed is based upon the idea that although audio visual materials can not satisfactorily replace the textbook, they may help to clarify much of the text and of the lecture that has left the student puzzled and confused.

The Department of English has made effective use of motion pictures and recordings in teaching both American and English literature. Instructors feel that students have learned better, and at the same time enjoyed, Shakespeare's plays and other classics because they have been able to see the costumes and settings that made these works of art come to life.

The Music Department uses films most effectively and with satisfying results in music appreciation as well as in the mechanics and techniques of producing music. The instruments of an orchestra, twenty-six commonly found in a symphony orchestra, become each a distinct and unique voice when the London Symphony Orchestra demonstrates them in a symphony concert with a famous conductor in a vast arena. Hall in the film, *Instruments of the Orchestra*. The lessons are dramatized in the dignity of playing the dynamics carefully with creative hands. In *Beethoven's* he performs in the City Music Hall or in the performance of *Boh* Turle, and the film is the public's cho-

For the purpose of History and the  
 ... according to Mr.

## The Curricula In Liberal Arts

[illegible]

Students expecting to attend college and as yet undecided as to choice of vocation would do well to consider enrolling in the Liberal Arts Curriculum since most of the courses in this curriculum may be used in meeting the requirements in other curricula such as Agriculture, Home Economics, and Business Administration.

George Horton, Head  
Curricula in Liberal Arts

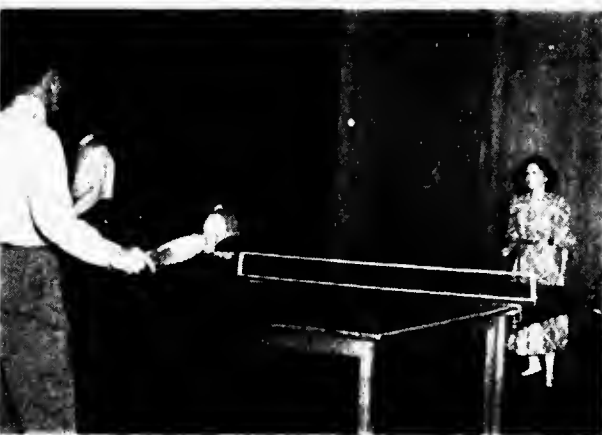
David C. Allen, head of the Department, has found that the motion picture can be used to make incidents in history that were formerly "dead issues" with the student come to life. "In our classes in history and political science," Mr. Allen said, "we have always taught that the Constitution was a bundle of compromises, but the full meaning of this was not apprehended by the students until we showed the film, 'Service of the People,' and the students saw the great men of yesterday come to grips with the serious problems of their day, how their tempers flared, and how anger was poured on the troubled water." The Constitutional Convention came to life and the men who framed it became real personalities.

The Department of Agriculture sends many films of practical use in the various aspects of agriculture, dairying, soil conservation, use and maintenance of farm machinery, feeding and care of livestock, horticulture, poultry raising, and agronomy.

In the Department of Physical Education films on the various sports, correct posture and exercise, health and hygiene, have been used with pleasure and profit.

Equally advantageous to the teaching in other departments, the General Economics, Science Engineering, Liberal Arts, has been the use of films. In the Psychology and Education Departments films form an interesting way of teaching methods of instruction.

The films used by the Junior College classes have been secured largely from the University Extension Film Library located on the Junior College campus, although some have come from commercial sources, government bureaus, and film rental libraries.



Watch out for that one. Students play ping pong at a UTJC social.



### The Barney House

## Honor Roll of American Public Schools

Here are 100 of America's best schools as polled by state superintendents and other prominent educators in the U. S.

## CALCULATED SYSTEMS

[illegible]COUNTY AND  
RURAL SCHOOL SYSTEMS

Ammonia J. N. Hines  
Stanton, Pa.  
Baldwin C. A. Lutz  
Central Soc., N.Y.  
Bertram E. Ichniow  
Carroll Co., Georgia  
Fred H. S. Atkinson S.D.  
Favate C. G. Koshk  
Ken Co. H.S. Oakbrook,  
Lang H. S. Harding Mamm  
ville H. S. Deane & Alas  
Angeles Co., California  
Paula Co. H. S. Missoula  
Montgomery Co., Maryland  
Lattie H. B. Multire  
Camp H. S. Naupa Idal  
San Diego Co., California  
Santa Barbara Co. Californ  
Nyevick Township Sch  
Haverhill, Pennsylvania  
Luskge Institute H. S.  
Turkey, Alabama

## HIGH SCHOOLS

Phoenix High School,  
Phoenix, Arizona  
Eagle Rock High School,  
Los Angeles, California  
Santa Barbara High School,  
Santa Barbara, California  
University High School,  
Oakland, California  
Andrew Wilson High School,  
Long Beach, California  
High School, Denver, Colo.

### JUNIOR COLLEGES

Phoenix Junior College,  
Phoenix, Arizona  
Los Angeles City College,  
Los Angeles, California  
Pasadena Junior College,  
Pasadena, California  
Pomona Junior College,  
Pomona, California  
Fresno Junior College,  
Fresno, California  
San Francisco Junior College,  
San Francisco, California  
Northwestern Junior College,  
Harvey, Illinois  
Grand Rapids Junior College,  
Grand Rapids, Michigan  
Virginia Junior College,  
Virginia, Minnesota  
Scott County Junior College,  
Ellisville, Mississippi  
Meridian Junior College,  
Mersey Junior College,  
Perry, Pennsylvania  
Tennessee Junior College,  
Martin, Tennessee  
College, Beaumont, Texas  
College, Ogden, Utah

### STATE UNIVERSITIES

University of California  
University of Illinois  
University of Indiana  
University of Iowa  
University of Michigan  
University of Minnesota  
University of North Carolina

*On the Inside—*  
**THE BURNEY HOUSE**

The Burney house is located at 242 Oakland. The house is owned and operated by Miss Mary Voss Burney, our librarian who is just as efficient in her job as her house as she is in keeping our library. The six fellows sheltered by the Burney house and the upstairs, which consists of four rooms and a bath with a toilet and sink. The phone number, which seems all important to the guys who live there, is 6622 and you can be assured that it is a number which will serve our mission. The fellows live on 242 Oakland, Oakland, Tenn. and so on. The guys who are described below are the fellows who

Over McKunney, from Eddyville, Ky., is an agriculture student who will finish UTJC this quarter. McKunney played basketball for two years in high school, goes out about three times a quarter, and is a member of the Veterans' Club. He says that he thinks he has the next commander of the National Guard for a roommate (Donald Hussey). McKunney is 6 feet 11, weighs 161, and is 23. He likes girls, period (especially ones from Bradford). McKunney likes chocolate cake and Strawberry ice cream, and everything he can eat. (When yours truly came in, right before dinner he was eating an apple, then a piece of candy, then a bunch of grapes, and when I left he was looking for a banana he had tucked away for hard times.) McKunney doesn't know where he is going after this quarter, but anyone desiring this information should keep in touch with Dot Cook. ("Chic" Robinson.



**Future Teachers Club's Night Club Party**—Chorus girls come later



# Business Administration Courses Now Available to W. Tenn. Students

## Many Courses Available For Business Administration Students

"What courses do business administration students take?" is a question frequently asked when we visit high school pupils. This analysis of the interests of our students during the fall quarter may help you decide what you would like to do.

At the Junior College, as at the parent University of Knoxville, we have four main curriculum divisions. Curriculum I is the general curriculum and is followed by those students who wish to take a general business course. It is so designed that a student can easily concentrate on one of the more specialized fields of employment during his last two years of college work. It appeals to students who may be planning for employment in such fields as banking, real estate, insurance, wholesaling, retailing, advertising, public accounting, or governmental employment.

Curriculum II is called the industrial curriculum and fits the needs of students training for employment in personnel, accounting, sales, purchasing, planning, or other departments of industrial plants, or for employment with transportation agencies or public utilities.

Curriculum III is for students majoring in office administration or business education and is the most popular curriculum for girls. More attractive positions in education in Tennessee are causing several girls to turn to business education. By choosing subjects carefully the student can qualify for either office administration employment or teaching positions.

The latest curriculum to be added is number IV for students who wish to specialize in some form of journalism. This includes magazine writing and radio script writing.

Certain subjects are basic to all four of the curricula. These include six credits in English and three each in accounting, economics, and science. In addition to these subjects, students in Curriculum I study economic geography, political science, sociology, and business mathematics. Curriculum II students must take three units of mathematics, (algebra, trigonometry, and analytical geometry), engineering drawing, physics, and mechanical engineering. Curriculum III students study three quarters of office administration as a special course, and Curriculum IV students are required to have six units in history instead of the three required of most other students. The rest of the courses are chosen from electives.

During the fall quarter 62 students were enrolled in the general curriculum, 11 in business education and office administration, five in journalism, and four in industrial management.

## The Just-a-little-late Club

Business Administration students did not inspire the following article. Perhaps it would not apply to any Junior College student. At any rate, Bruce Barton, who wrote the article, was not an instructor here, even though his story may have a lesson for each of us.

"When I was a commuter I sometimes went to the station early to watch the other commuters running for the trains. I came to know many of them by sight. There were ladies and old men, infrequent visitors to the city, who arrived long before train time; there were businessmen who arrived one minute ahead.

"And just as the gate was about to slam there would come piling across the station the members of the 'Just-a-little-late Club'.

"I used to sympathize with them at first, supposing they to be unfortunate who had mislaid a car or lost their watches. But after two years of watching I knew differently.

"The membership of the 'Just-a-little-late Club' does not change from day to day. Membership is not a misfortune, it is a habit; and one of the most exasperating habits in the world. 'Never be on time,' said Mark Twain. 'You waste too much time waiting for the other fellow.' He had in mind the enormous membership of the 'Just-a-little-late Club'.

"I was lunching with a friend the other day when a 'captain of industry' passed me. He began work twenty years ago as an office boy and today heads one of the great manufacturing concerns of his city.

"A wonderful fellow," said my friend. "Last year I had a long series of negotiations with him about the formation of a new company. It was necessary for us to meet practically every day for nearly three months. In all that time he was never late but twice—and then only for a few minutes. And each time he sent word to



## West Tennessee Well Represented in Business Administration Dept.

A total of 82 students enrolled in the Business Administration curriculum for the fall quarter. These students came from 23 counties in Tennessee and two other states. Miss Elizabeth Pease from Connecticut and Rupert Garcia from Texas were the only out-of-state students. A year ago six out-of-state students were enrolled. The 82 students represent a reduction of 32 from the 114 who were enrolled during the fall quarter of 1947. Many of the veterans have now finished their two-year course and have gone on to other colleges.

Weakley County again leads the state in the number of students with 27, the same number that were enrolled last year. Four counties, Davidson, Henderson, Humphreys, and Perry enrolled business administration students for the first time. The greatest loss in students came in Gibson which dropped from 23 to 11 and Obion which dropped from 11 to 3. Of the 80 Tennessee business administration students, 73 came from West Tennessee, 6 from Middle Tennessee, and one from Sullivan county in East Tennessee.

## Faculty Women Hear Famed Pianist

Sunday, January 16, the Misses Fulton, Hall, Sullivan, Paulus, and Mrs. Ed M. Chenette drove to Memphis to hear a recital by the world-famed pianist, Artur Schnabel. They report his concert of works by Beethoven, Debussy, and Chopin to be "out of this world," and proclaim themselves thoroughly convinced of his ranking as one of the two greatest of living pianists.

me telling me that he would be late."

"J. P. Morgan figured that every hour of his time was worth one thousand dollars, and he had no patience with men who were late for appointments.

"And Lord Nelson said, 'I owe all my success in life to having been a quarter of an hour before my time.'

"I hold up these records in the faint hope that they may do some good. And yet the hope is very faint. The habit of unpunctuality is very tenacious. If I am fortunate enough to be inside when the pearly gates are closed on the judgment day, I shall know what to expect. Five minutes later there will be a terrific battering. Saint Peter may be surprised, but I shall not be. When the gates swing open again there they will be some of the most lovable and exasperating people who ever lived—panting, apologetic, explanatory to the last," by Bruce Barton



## ALUMNI NOTES

FRED GELZER (1941-42) and Mrs. Gelzer have been designated as "Farm Family of the Year" down in Tipton County. They were honored at a banquet in Dyersburg on the evening of January 7 when they were so introduced by District Extension Agent Judd Brooks. Another agricultural star in UTJC's gallery.

DAVID MAC DODSON (1940-41) at the University of Tennessee was recently selected for "Whos Who in American Colleges and Universities," 1948 edition. Knowing David, we are not at all surprised—just pleased.

Marquis Edward Jones (1931-33) will be the next Commissioner of Agriculture for the State of Tennessee.

Walter S. Moore (1936-37) resigned December 1 as Assistant County Agent of Tipton County and took up his duties as Animal Husbandman at the Mississippi State Prison Farm at Parchman.

Charles Buford Carlin (1935-37) is now attending Logan College, St. Louis, Mo., and expects to graduate in August and take up practice of chiropractic healing.

Anna Rebecca McGowan (1944-46) to Lt. (jg) Clyde Burt Green (1940-42) December 26.

Agnes Virginia Logan (1939-41) to Granville Evans, of Trenton, Tennessee, December 31.

Warner Douglas Fisher (1942-43), now a member of the UTJC faculty, was married December 23 in Utah to Miss Geraldine Bowen of Collaton, Utah. We congratulate Mr. Fisher and welcome Mrs. Fisher to the Junior College.

Jean Flanagan (1947-48) and Roy Herbert Gaydon, Jr. (1947-48), December. Will live in new home Roy has just completed.

Betty Love Upchurch (1947-48) and Donald Horton Peeler, a student at UTJC, were married in Dredon, December 27. Will live on campus during this quarter.

Rebecca Whitson (1948-49) and Ronald Paul Nielsen (1946-48) were married in Martin, December 28. Becky is a student at UTJC this session and will bring her new husband back to complete his Junior College work after Christmas. Will make their first home in a trailer on the UTJC campus this quarter.

## Business Administration To Sponsor Regional Typing Contest

The Business Administration Department is working out plans to hold a regional typing contest again this year. Final date for the contest has not been set but it will be about April 6. Those who visited the Junior College campus last year voiced their approval of the idea and indicated a desire to take part again.

Separate contests will be held for beginning and advance students. Certificates will again be awarded to those who successfully compete in the contest. Schools will receive further details in the near future. Additional information may be obtained by writing to Jasper Grover, Head of the Department of Business Administration.

Office machine dealers are planning a bigger and better display of equipment. We will have displays and demonstrations by the Howard Happy company from Mayfield, Kentucky; Wight Office Machine Company from Jackson; and Tom Lawler's Office Machines, also from Jackson. Business men are cordially invited to visit the machine display in order to see in one display the modern machines which are available to business.

## YOU DON'T HAVE TO BE A BOOKWORM

(Continued to page 6)

brary stacks or among the books in your particular field of interest and get the information firsthand.

For the ardent sports fan who is becoming all hot and bothered over the answer to "How the runs were scored in the second game of the World Series in 1948" the Library can give the ready answer in summary form in the World Almanac.

Incidentally, among librarians there has long been a controversial question: Is it the funnies or the sport page which daily attracts large crowds of college people to the newspaper rack? Naturally, they, the librarians, I mean, want to think this little activity represents a very minor part of the reading program of each student involved. Could it possibly be they are deluded?

For the artistic souls who have the insatiable longing to create something remarkable in flower arrangement or flower gardening there are bountiful ideas and tips available in the Library. These helps will make for matchless skill in this type of process. After consulting the Library there will never be anything dull about your flower arrangements.

Have you long had the urge to start or to build up your record collection? Some good guides to excellent recordings can be obtained from library books and magazines. These materials are readable, informal, and are for the ordinary music lover, not strictly for the musician. Excellent hints on recordings by certain favorites are helpful to prospective record collectors.

If the persistent idea of communism haunts your day and night dreams, why not become informed about this timely idea? There is nothing quite like the satisfied feeling which comes from knowing what you are talking about. It might prove enlightening, too, to discover exactly where various countries stand on this vital subject.

If all of these incidental topics hold no interest for you, perhaps you will be glad to learn of the painless, but fairly efficient, method of keeping abreast of the times by merely glancing every week at the news map of the world. This map is featured regularly on a special bulletin board in the Library.

But seriously, you know that making the best of your real self depends far more upon the self than upon any college, however ample may be its facilities. The best of colleges does not pretend

## Radio At the University Of Tennessee Junior College

Since December 9, 1949, the University of Tennessee Junior College has been presenting its own radio programs. Twice a week, on Tuesdays and Thursdays at 5 p.m., students on our campus, faculty members, and friends of the college have enjoyed the opportunity of "going on the air" through the facilities of station WENK, and from our own campus studio which is one of the finest in the South—so we are told.

The purpose of these programs is to give students the opportunity to appear on radio programs, to present the college and its services to its friends in West Tennessee, and to help make some small contribution to the cultural and educational life of the people in this area. Every phase of college, many matters of curricular interest, and entertainment of religious and cultural value are presented in such a manner as to give our listeners an insight into and an appreciation of the work of this publicly supported Junior college, in such a way as they may not have the opportunity of hearing one of its relatives or friends performing on one of these broadcasts. The programs are presented under the direction and supervision of a faculty committee composed of David C. Allen, chairman, Norman Campbell, Ed M. Chenette, Harriet Fulton, Arthur Hartung, and Glen Sadler.

to do more than merely start you on the way. Now how to get this thing? By becoming acquainted with good writers. In reading books you have a choice of associations, and it is by associations that culture rarely comes. There is no surer way of getting it than by reading sincere books. The Library is introducing YOU to the best which has been thought or said in the world. Pleasant reading!

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## Music Department Added To College Curriculum

In the fall of this year, UTJC initiated a new department of music which immediately received an enthusiastic response from the students on the campus. Fifty of them joined the college mixed chorus and gave a very creditable performance of Christmas music for assembly and broadcast. They are now at work on Gilbert and Sullivan's hilarious one-act opera, Trial by Jury, which will be a part of a program of choral music to be given during the winter quarter. The chorus sings all types of music from folk songs and novelty numbers to art songs and anthems. The men in the group form a male chorus which sings barber-shop harmony and popular songs. While most students join just for the fun of it, those who wish may secure one credit per quarter for their work.

Others have availed themselves of the opportunity of learning to enjoy great music literature and familiarizing themselves with the well-known classic masterpieces in Music Orientation or Appreciation. Still others are taking private voice lessons and learning to sing solos or develop their voices for their own pleasure. Private piano lessons are given to those who have a serious interest and a good background. Those who wish to get a more thorough knowledge of notation and learn how music is made have enrolled in Theory 11 to learn the fundamentals of harmony.

The prospective elementary teachers also study music theory to learn the fundamentals they must have to teach grade school children. Besides learning the grammar of music, they learn what and how to teach and have an amusing time in class, singing and dancing and simulating the grade school atmosphere.

The music department is now set up so that freshmen and sophomores can take the courses needed in a regular music curriculum, so that elementary teachers can meet their requirements, and so that all students can have an opportunity to learn to perform (in the chorus or alone) or to listen to music for their own enjoyment.



Faculty Quartet performs over Radio Station of UTJC.



Speaking class studies posture.



College Chorus in an informal bit of posing.



# Control of Matter Is Goal of Physical Sciences



Students in the Chemistry Laboratories have access to a large assortment of chemicals and apparatus.



Organic chemistry students gain laboratory experience by synthesizing an organic compound.



Chemistry students find that "running an unknown" in qualitative analysis is a challenging and intriguing business.

## Why Study Chemistry?

One of the most important questions that a student should ask himself is "Why study chemistry?" The answer is simple: because chemistry is the study of matter and its properties. It is the science that explains the changes that take place in the world around us. From the food we eat to the clothes we wear, from the buildings we live in to the cars we drive, chemistry is everywhere. It is the science that has made possible the great advances in medicine, agriculture, and industry that we have seen in the last few decades. Without chemistry, we would not have the modern world that we live in today.

## Physics At The Junior College

Physics is the study of matter and energy. It is the science that explains the laws of nature. From the motion of the planets to the behavior of the atoms, physics is everywhere. It is the science that has made possible the great advances in technology that we have seen in the last few decades. Without physics, we would not have the modern world that we live in today. At the Junior College, students can study physics and gain a deep understanding of the laws of nature. This knowledge is essential for anyone who wants to work in science or technology.

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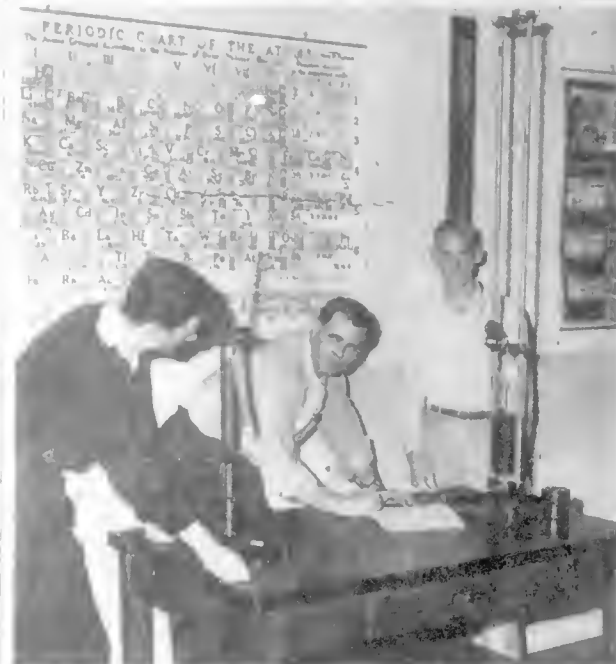
A third reason to study chemistry is that it is a practical science. It is the science that explains the changes that take place in the world around us. From the food we eat to the clothes we wear, from the buildings we live in to the cars we drive, chemistry is everywhere. It is the science that has made possible the great advances in medicine, agriculture, and industry that we have seen in the last few decades. Without chemistry, we would not have the modern world that we live in today.

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## The Election Commission

The Election Commission is a body of students who are responsible for conducting the elections at the Junior College. They are made up of students from all classes and are elected by the student body. Their job is to make sure that the elections are fair and that the results are accurate. They are also responsible for keeping the records of the elections and for making sure that the rules are followed.

Next Election: Campus Beautification. Mr. and Mrs. UJC Elect. will be held January 25, 11:30 a.m.-1:30 p.m. in the Student Union. The Election Commission is a body of students who are responsible for conducting the elections at the Junior College. They are made up of students from all classes and are elected by the student body. Their job is to make sure that the elections are fair and that the results are accurate. They are also responsible for keeping the records of the elections and for making sure that the rules are followed.



What happens to a steel wire when it is stretched? These physics students find out by use of the Young's Modulus apparatus.

## FREEMAN HALL—TOP TO BOTTOM

The wind blows mournfully through the trees. There is an occasional flash of lightning through the low-hanging clouds. The stairs creak under slow and heavy footsteps. As the steps grow closer you can hear painful moans and the creaking of joints. One of Mrs. Massey's Phys. Ed. students is attempting to climb the stairs to her room. Lucky, lucky people who live on the first floor! The dear old hall now has a rumpled room. Of course it hasn't come into its own yet, but just wait until these girls start tumbling around in there. No, dear readers, we don't mean Martha and Carolyn's room, it just sounds like a rumpled room.

Christmas brought a lot of things. Do you know what Jane Kendall got? A RED FLANNEL NIGHTSHIRT WHO! It's the warmest thing around right now. Gwen and Marguerite like pajamas with long shoulder seams. Their new ones have shoulder seams at the elbow, and if they tied a string around the legs at the bottom they wouldn't have to worry about their feet getting cold. As it is they don't have to trip the rooms as often, because the pajama legs do it for them.

WANTED: Information concerning the little white dog who loved our home and wanted to protect it. He is gone will you please let us know so that we can get a man to his memory. He guarded this dorm, slept on the front porch, and barked at all ex-cers, including the night-woman. He met us with a glad wag of his stubby tail in the morning and rushed right in. He felt at home here 'cause he visited us quite often. He, bless his loyal little heart, walked us to the dining hall and to assure himself of our safety, he would deliver us to Mrs. Patterson. And then because breakfast is so quiet, he would race up and down and all around the tables. (Additional information: We think HIS name is Florence.)

(Members of Volette staff saw aforementioned dog in kind arms of Martin Police, going for a ride! Want ads get quick results in Volette!)

Speaking of study positions—Sissy Peyton has them all beat. She sits on the bed, crosses her legs, leans over at a forty-five degree angle, places her notebook in front of her, and copies all her themes and draws all her Zoo

like that. All of the girls who study in bed were scared out the other night during the earth tremor. Some of us thought a train was going through rather rambunctiously.

Just who Harry Rhodes goes with can't be decided. The registrar doesn't prove a thing, he came with Joyce Redmond. All we old maids are happy that Jimmy Smith is coming over to view the beauties of our dorm. He hasn't settled down yet, maybe he'll keep coming around.

Ann Cummins and Dottie Elliott have moved together. Two guided birds in a cage. There are several new boys this quarter. Hmmm, should we let them find out the hard way? Did you ever see as much black curly hair?

Freeman Hall and Reed Hall are going to throw a party, boys, watch your p's and q's and maybe you'll be invited.

Does Carolyn have her ring back? Tune in tomorrow for the next exciting episode of Carolyn vs. Bob. Calvin and Jane Marshall are cute, blonde and black hair goes nice, except on coat collars. Billie Henry was out with Barnwarmin' man, Kenneth Johnson. Guess who Shorty Crain came to see? Nothing new just regular.

These basketball games sure have ruined some of the girls' camp-sology schedules. With Gene gone, what is Martha Dale to do?

Everyone wants to be invited to the foods class luncheons. Joe Shanklin and Alta Sumner were invited out the other day, but somebody must have eaten too much because there wasn't enough coffee to go around, and the rolls didn't last.

The spring-like weather has the old love birds singing. All over the campus you can see them. There's Stratton and David, Jimmy and Martha, Jo and Gene, Jane and Ralph, and others. Fred Nunnery was over talking to Marian Harwell and "Baby" Nowell just recently. It's nice to have members of our band around.

Betty Milligan, Hannah and "Gertrude" Gradine were all showing Carrie Gene how to jump through hroom sticks. Great fun was had by all when Hannah got all tangled up in joints.

## Two Full Years Of Pre-Med Now Offered

This year for the first time in its history the University of Tennessee Junior College is offering two full years of work for pre-medical and pre-dental students. This is made possible by the addition of a year of organic chemistry to the curriculum.

In the past, students could get their first year of pre-medicine or pre-dentistry here, but had to go elsewhere for their second year before entering the medical or dental schools. With the offering of organic chemistry it now becomes possible for a student who has satisfactorily completed his two years at the Junior College to be admitted directly to the medical or dental colleges at Memphis. This, of course, is a great boon to students of this area.

Organic chemistry, as the name implies, is a study of organic compounds, or the compounds of carbon. Carbon has more compounds than does any other element. Most drugs, foodstuffs, fuel, plastics, fibers, and other animal and vegetable products are in this category. A study of organic chemistry therefore gives technical background for many later courses in medicine, pharmacy, agriculture, nutrition, engineering, and many other fields. A knowledge of organic chemistry is necessary for best work in many vocations.

The class work in organic chemistry is divided into the theoretical and the practical portions. The theoretical portion consists chiefly of lecture, recitation, and discussion; the practical portion is done in the laboratory. Here the students study various organic substances, learning how to test them and observing their properties; they also perform numerous syntheses of organic compounds. A good supply of chemicals and modern apparatus and a well-arranged laboratory are valuable for their use.

The chemistry department is pleased that its offerings have been enriched by this year of organic chemistry, and feels that the course will increasingly prove of interest to students who expect to enter the medical, dental, engineering, or other professions.

## Many Veterans Receive Needed Medical Aid

Nearly 2,000,000 eligible veterans received out-patient medical treatment by Veterans Administration during the fiscal year ending June 30, 1948, VA announced.

The treatments were given by VA at regional offices, hospitals and clinics, and by private physicians cooperating with VA in providing "home town" care for veterans with service-connected disabilities.

Treatments averaged three per veteran, or a total of 5,233,680. Individuals treated numbered 1,937,842.

Private physicians treated 761,185 veterans, or about 40 percent of the total. The physicians were paid \$11,437,370 for 2,735,450 treatments, for an average of \$4.18 per treatment or \$15.03 per veteran undergoing medical care. VA staff doctors during the year treated 1,176,657 individual veterans and provided a total of 2,498,230 treatments.

Engagements: Joe Sweatt Hatfield (1941-42) to Miss Carrie George McClain, of Lebanon, Tennessee. Wedding sometime this winter. Alan McClarty Prewitt, Jr. (1939-41) to Miss Margaret Frankland of Jackson, Tenn. Wedding scheduled for early March.



My, how those dollars do fly! Lull between classes catches Bookstore staff loading.

## Bookstore Fills Many Student Needs

One of the busiest places on the campus these days is the Junior College Bookstore. During the rush hours between classes the little white building fairly bursts at the seams as the students rush in to check their boxes for hoped-for mail or to buy something necessary for the next class.

The Junior College Bookstore has been in successful operation since its beginning several years ago. Its presence on the campus affords a convenient place for the purchase of books, supplies, and laundry other articles needed by the students. Management of the store is under the supervision of a faculty committee. From profits derived from its sales it aids regularly in promoting various student activities on the campus as well as always striving to improve its facilities in order to be of better service to the students and faculty.

The period from the beginning to the present time has been one of gradual expansion. The first home of the Junior College Bookstore was in the same building it now occupies. It was confined to a small space in the side now used for the post office. The rest of the

building was used for a dairy lab. It was open only on certain designated hours of the day.

This was adequate for a time but as the College steadily grew, the Bookstore also grew and additional space was needed. To meet this need, larger quarters were provided in the Administration Building. This was home for the Bookstore and post-office until August, 1945, when it came back to the place of its beginning. This time, however, it was to occupy the whole building. The interior was remodeled, and the present facilities were provided to give the students a place for relaxation between classes. Here, until recently, students could relax with a game of bridge or pinochle. The large influx of students using the bookstore for business reasons has made it necessary to eliminate this feature for the present.

From its humble beginning, the Bookstore has advanced until it is now an important part of the campus. Three full-time employees and four student assistants now carry on the work of the organization. As one may observe, especially between classes, "All paths lead to the Bookstore."



Mail time! Hurry, hurry! Read all about it!



# Natural Sciences Acquaint Students With Life's Functions



A bacteriology student soon learns how to prepare test tubes with culture media for growing bacteria. Here we see student W. H. Argo, Jr., demonstrating the technique.



A class in bacteriology is shown busily studying the movements of soil bacteria by means of the hanging drop method. Barrel-shaped autoclaves in background are used to sterilize materials by means of steam under pressure.

## Bacteriology And Its Role In Life

The student who signs up for a course in bacteriology at the University of Tennessee Junior College, whether he be interested in agriculture, home economics, medicine, veterinary work, pharmacy, or just plain interested in life in general, will find that he has enrolled in a course which will be of immense practical value to him not only later in life, but right now!

In a bacteriology course, the student will study and investigate such living things as bacteria (which cause many of the diseases of plants and animals, and contribute much to our general well-being); he will also seek out the mysteries of various molds, yeasts, and small animals which attack man and his crops. For the student who applies the skills and knowledge which he will develop in such a course as bacteriology, the rewards in better living, better crop production, better health, and increased understanding of the living things of the world will indeed be great.

To help the student to a better understanding of the subject, the Biology Department of the Junior College offers some of the finest equipment and instruction to be found anywhere in the United States. Microscopes which are used in bacteriological work are among the finest to be obtained. Well-lighted and fully equipped laboratories are at the complete command of the student, and friendly instructors are constantly available to lend a helping hand to all who wish to learn.

If you have wondered what causes fermenting of foods, and what is responsible for certain diseases of plants, man, and other animals, and how we can go about controlling such diseases, and hundreds of other similar questions, then bacteriology is the course for you.

Naturally a course which deals with such topics as we have men-



A student looks over a part of the demonstration insect collection used in studying beneficial and injurious insects in the Economic Entomology course.

## INSECTS AND MEN

Men and nations have always struggled among themselves intermittently. But, there is one war that is continuous—the war between man and his insect competitors. This struggle between man and his insect enemies has progressed since the dawn of civilization and will doubtless continue as long as the human race endures. This ceaseless struggle is due to the fact that both men and insects desire the same things.

We commonly consider ourselves lords and masters over nature, but the humble insects pay us little heed. If the insects want our crops, they help themselves. If they desire the blood of our hogs, cattle, chickens, sheep, and horses, they pump it out of the veins of these animals under our very eyes. Should they choose to move into our homes we have difficulty in keeping them out completely. Often when insects attack man they have on or in their bodies disease-producing organisms which may result in such diverse diseases of man as typhoid fever, typhus fever, bubonic plague, and malarial fever. In fact, insect-borne diseases have played an important role in the rise and fall of civilizations.

Before one condemns the insects as a group (the insects total about 700,000 kinds or seven-tenths of all the animals) it might be well to present some of the beneficial activities in which insects engage.

For more than 3,000 years silkworms have toiled for man in the production of silk, and for generations honeybees have worked as gatherers of nectar used in producing honey for mankind. Other insects have played an important role in shellac and dye production while still others have been the chief source of food for game birds and fish.

Of no little importance is the part which predaceous and parasitic insects have played in the destruction of obnoxious types. Of still greater concern to the



Zoology students discover that the skeletons of a cat and chicken have much in common.

## Botany: Background For Living

The course in botany is organized along very general lines designed to help each student to live in a more satisfactory fashion.

Some psychologists define intelligence as the ability to cope with environment. If this is true, surely everyone needs to know something about the plant kingdom which constitutes a very important part of our environment. The dependence of animals on the plant kingdom is emphasized, and an effort is made to teach respect for plants as a source of food, shelter, and clothing, as the source of the new "wonder" drugs, and as important disease-producing organisms. Particular attention is given during the spring and fall quarters to the study of trees of Tennessee, so that each student can become aware of the variety of plant forms found in his immediate environment.

The college student who studies botany soon finds that his vocabulary of scientific terms increases his pleasure in reading periodicals and newspapers, in listening to the radio. Who can do much reading in our present science-minded era, without encountering an article on cancer, which mentions "cells" or an article on penicillin which comes from a "fungus"?

Almost without noticing it, the student learns an entirely new manner of thinking, of approaching the problems which confront every living person. Students are encouraged in small laboratory groups to make their own observations from specimens, models, and charts. They learn to record their observations in the form of drawings and notes. They begin to form conclusions about the plant kingdom. The result of this training makes an impression on each student. Students learn to observe and think logically. The practice in precise, scientific thinking is valuable to everyone. Incidentally, the students learn to appreciate the scientific method, which is responsible for most of the material comforts of our civilization today.

The pre-professional student requires a special factual background along with vocabulary, techniques, and practice in the scientific method. This forms a foundation for the future studies of doctors, nurses, dentists, pharmacists, research workers, dietitians, etc.

In short, we believe that the botany course helps to increase the average person's enjoyment of living by acquainting him with a portion of his environment, helps him to face problems by teaching the scientific method, and helps the young science student prepare for his career.

Caroline Hendricks  
Instructor in Biology

gardener, farmer, and orchardist is the role played by many types of insects in pollination of plants. The above and other aspects of insects in relation to man are considered in the economic entomology course offered in the Biology Department.

George Horton, Head  
Biology Department

## ZOOLOGY—LIFE SCIENCE

Zoology, the science of animal life, opens to the college student the discovery of other animals who share this planet with the human race. To the college freshman curiosity and an awakening to his own possibilities for learning, animal biology presents a variety of strange and wonderful creatures, of which not the least marvelous is man himself.

The two courses in zoology offered at UTJC are designed to fill a variety of needs. For agriculture and home economics students zoology is background for professional work. First-term students consider such animals as the frog and rat, beginning with the smallest life units, or cells, and progressing to an over-all study of the structure and function of the body which prepares for comparable studies of domestic animals and the human system. The study of inheritance is basic to intelligent management of livestock and farm crops. Maintenance of personal and community health is made possible by knowledge of the functioning of the body.

Persons preparing to study medicine, dentistry, or biological sciences in a professional way find that an intimate knowledge of the nature and operation of the systems of higher animals forms the core of their technical knowledge. Many of the lower animals, ranging from microscopic creatures consisting of a single cell to the prolific tapeworms, are important parasites of humans and domestic animals and it is through knowledge of their requirements and habits that they are being successfully combated.

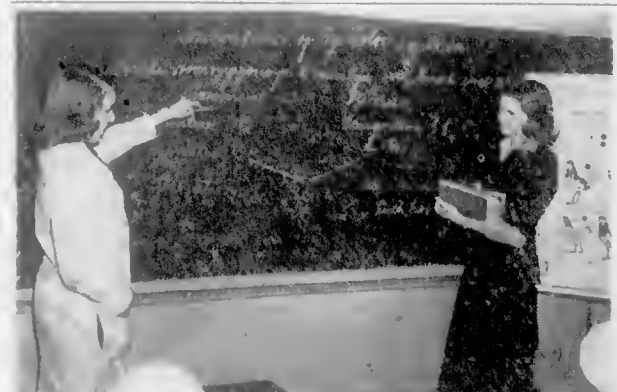
For all persons interested in an all-around education biology completes the circle of artistic, social, and scientific learning essential to a true appreciation of all one's experiences. To the serious student science offers a challenge in working up to his fullest possibilities. The laboratory is the opportunity for personal observation of nature and development of life. Here the student demonstrates to himself the facts proclaimed by scientists before him. New problems call for the application of previously-acquired knowledge, one of the real tests of learning. Science offers valuable training in this respect; so science courses are basic in mental training and development.

Kathryn Paulus  
Instructor in Biology

## Caldwell Bowen New Engineer President

At the last meeting of the Engineers' Club our retiring president, Sam Woodbury, presided over the election of officers for the winter quarter. The following were chosen: president, Caldwell Bowen; vice-president, Odell Eason; secretary, Arthur Childress; treasurer, James Jenkins; and reporter, Robert Bell. The club sponsors also were elected at this time. Mr. Ed Taylor remains and Mr. J. O. Jones was elected as co-sponsor.

The club started things off right this quarter with a whale of a party. It was held Friday night, January 14, in the I. A. Building. Everybody had a good time and asked for more. Remember, fellows, this party was just one of many to come; so pay your dues and get in on the fun.



The study of inheritance partly explains why you look like Dad or Great-grandpa and is groundwork for future research workers.



The microscope is the most important tool of the biologist and its use and care a basic technique.



Instructors enjoy after-class discussions with interested students. These boys are examining a study-skin of the slow-witted o'possum.



Living specimens and observation.



Identification of Tennessee trees.



# Home Economics Girls Prove Better Homemakers

## Are You Interested In A Career?

If you listen to the disc jockeys on most of the radio stations, you hear several times daily "Life gets tedious, doesn't it?" That is usually the housewife's lament caused by a lack of training as a home-maker. If she had been equipped with the know-how and technique of correct home-making, the story would be quite different, indeed.

Home Economics in College carries its students through courses that stimulate and quicken the desire for the correct way of doing things in and around the modern home.

It is the only curriculum you will find in the many areas of study offered at college which fits you for both a career and a home-maker. Home Economics will equip you for a number of careers: home demonstration agents, teachers of home economics, nursery school teachers, dietitians for public institutions and commercial establishments, home economists with public utilities, laboratory technicians and research workers, food and equipment demonstrators, merchandising specialists (in textiles, clothing, home furnishings, etc.), and family welfare workers.

The University of Tennessee Junior College gives you the first two years of this work, and its graduates become juniors at all accredited colleges. At this smaller school, you will receive more attention and have an opportunity to develop personality and individuality, that is not possible in larger crowded classes. Of course you are going to College and we will welcome you at Martin, and most especially in the Home Economics Department.

## Why I Am Glad I Majored In Home Economics

By Virginia Allen

One of my most prized possessions is a B.S. Degree in Home Economics, and four years of my life which were most interesting were the two years spent at the University of Tennessee Junior College and two years spent at the University of Tennessee studying home economics.

No girl, it seems to me, can ever regret majoring in home economics regardless of her plans for a career or for a home.

As an Assistant Home Demonstration Agent in Charge of Girls' 4-H Work in Madison County, I have had many opportunities to use the information and abilities which I acquired from my courses in home economics. This interesting work with rural girls from the ages of ten to twenty-one makes me realize the values of home economics training in everyday living.

By majoring in home economics, I feel that I have practical, "down-to-earth" information which I can use every day, regardless of where I go or with whom I associate. Home economics is not a course one studies in college and upon graduation forgets. Home economics is a study which is useful as long as we live because it is part of living.

## Fun In Foods

The changing of dishes and aroma of food on Tuesdays and Thursdays between the hours of ten and one would soon let you know everything was steaming in the Home Economics Department. This is the Food 221 Class composed of sophomore girls who are trying to learn how to be successful wives for their future husbands.

The modern equipment in the foods lab would inspire any young girl to take Home Economics.

During the fall quarter, teas were given as well as our dinners for students and faculty members.

The requirements are to act as waitresses and cooks, twice, housekeeper, assistant manager, manager, and give an informal tea once, also prepare and serve one meal entirely alone. House keeping includes ironing, washing, and rearranging furniture. Being manager consists of making the menu, planning the cost to a budget, making schedules for cooks and waitresses, overseeing and buying food, and acting as hostess. At this time the manager has an assistant manager, two cooks, and two waitresses. The assistant manager's duty is setting the table in full fashion, the cooks follow the schedule given them by the manager, and the waitresses serve the plates and wait on the guests.

To climax a successful quarter of Foods, the class gave a Christmas tea for all the Home Economics girls and helped with the banquet for President Brehm.

Carolyn Cooley.



Cookies, cakes, pastry. You tell us!

## Television Offers A New Field For Economists

At present there is only one cooking star on television in the New York area, but there certainly will be others whipping up confections for the benefit of the harried housewife. It looks like a natural in women's programs. But one thing is essential, the person who uses this medium of instruction must be an expert in her field. It is one thing to talk or write recipes, but it is quite another to demonstrate on television, where every movement can be seen by the audience. Other things that will help the girl who wishes to star in cooking classes on video programs will be pleasing looks and ability to keep up a steady and lib commentary of general and specific information as she scurries around the television kitchen.

Television seems the ideal shortcut toward making every woman a type of cook that can please a gourmet, which you will agree is quite an accomplishment.

## I Wish I Had . . .

Though I attended a large state university, it did not offer any courses in Home Economics. This did not bother me one bit. When I was a senior, and became engaged to be married, the school and I realized our big mistake simultaneously. Admitting both the importance and necessity of Home Economics, I took a course in 'Home-making.' As a bride of two years' standing, I can tell the world you don't master 'Home-making' in one semester. Needless to add, I wish I had been able to major in Home Economics. Of course, it makes things worse to hear people say of a particularly talented and efficient housewife and hostess, "Naturally she's good, she is a Home Ec Major," or "she taught Home Ec before she married."

I find I am not alone in my wish. In a recent copy of LIFE, the caption under the picture of a beautiful girl said, "She is 21, and a post-debutante who models, and has gone back to school to attend Home Economics classes because she believes every girl should know how to sew and cook." To this I add a most sincere "Amen." Mrs. Toy F. Reid, Kingsport, Tenn.

## The 'New Look' Arrives

The "new look" with its accents on the strictly feminine and "hide the" dresses may be the latest rage in Paris and New York, but on the Junior College campus, have you seen Mr. Atkins' new car. Many an envious eye have we noted being cast at it as it idles at the curb.

There is another new look, too. It is that of coats and more coats as the California Weather arrived on the campus yesterday. Florida, here we come.

## SCA Presents Play On Radio

The Student Christian Association presented a one-act play titled, "The ABC's of Brotherhood," January 13, 1949. This play reviewed the various intolerances and how to combat them.

Taking part in the presentation of the play were Jacques Ing, Betty Beiler, Hannah Fitch, Stratton Duncan, Martha Dale, Janice Cude, Guilford Thornton, Virgil Sigler, Neil Paschall, and James Stone.

## The Home Economics Christmas Tea

After many endless days of making cookies (one whole quarter to be exact) and a few days' preparation making decorations such as wreaths for the windows, the table centerpiece and the living room, we were at last ready for the tea. It was given December 12, 1948, from 3:30 until 5 p.m., by the Sophomore Home Economics Girls Foods Class, under the direction of Miss Helen Hawkins, for the other Home Ec students and the women faculty members.

The girls were beautifully attired in evening dresses to receive the guests. Misses Carolyn Cooley and Edwina Porter received the guests in the entrance hall of the Home Ec building.

The living room was artistically decorated with a lighted Christmas tree, wreaths in the windows, and the mantle was covered with hemlock, sprinkled with snow, which, even though on the inside, looked realistic. The mirror above the mantle had a few measures of "Silent Night" drawn on it.

The double doors between the living-room and the dining-room were arched with greenery, and colored lights were woven among them. This archway was also sprinkled with snow.

The lace covered table had a beautiful centerpiece of tall, slim, red candles surrounded by evergreen with red berries intermingled.

Punch was poured by Misses Martha Steele and Maxine Jenkins. The tea sandwiches were artistically arranged on large platters in the dining-room table.

The tea was enjoyed by everyone that attended.

Bobbie Elliot.

## UTJC One Of Two New Regional Library Services

Fifty-four Tennessee counties are now participating in regional library service. These are organized into ten regions. In 1946-47 there were 41 participating counties and seven regions.

Two of the new regions are in West Tennessee, one administered by the Cossitt Library in Memphis, the second administered by the University of Tennessee Junior College, serving Decatur, Hardin, and Crockett counties with headquarters at Jackson Free Library, Jackson, Tennessee.

The Junior College has administered one regional library with headquarters at the college since 1942. With the opening of a second headquarters at Jackson, it has assumed responsibility for another region.

Counties served by the Martin headquarters are Henry, Benton, Weakley, Obion, and Gibson.

To become eligible to share in the regional library service, a county must meet standards set up by the State Department of Education. The primary requisite is that the county organize and support a county library as provided by the Tennessee county library law.

Regional library service supplements the work of the county libraries, making available additional books, transportation of books to deposit stations, and the technical advice and assistance of a trained librarian.

## 49,497 Volumes Used By County Readers

Rural readers in Benton, Henry, Weakley, Gibson, and Obion counties have read 49,497 books since July 1, 1947, according to Miss Sara Louise Hanlin, our regional librarian.

According to Miss Hanlin, rural readers make especially heavy use of the regional library during the winter months during which a four to six weeks schedule of exchange of books at deposit stations is maintained despite the bad weather and difficult driving conditions that prevail.

The area served from the Junior College headquarters has been cut to five counties and the budget increased from \$5,357 to between \$9,500 and \$10,000, including the cost of the new, specially-equipped bookmobile.

The increased budget and the decreased territory have made it possible for Miss Hanlin to make more frequent exchanges of books than in the past, to buy more books, to act up more deposit stations, and to work more closely with the readers, librarians, and governing library boards of each of these county libraries which qualified for regional library service.

Funds for the program were appropriated by the Tennessee Legislature and are administered under regulations prescribed by the State Department of Education.



Lay them straight, girls! Miss Hawkins might be watching.



Girl serves cookies at tea. Hmm! How can they grade these?

## Nursery-School Is A Student Laboratory

Have you ever seen twelve boys and girls together when they are really hungry? At nursery school you will find just such a group. After spending a busy morning playing, marching, climbing, or in any of the activities two to four-year-olds like, a dozen tots rest on their cots about twenty minutes.

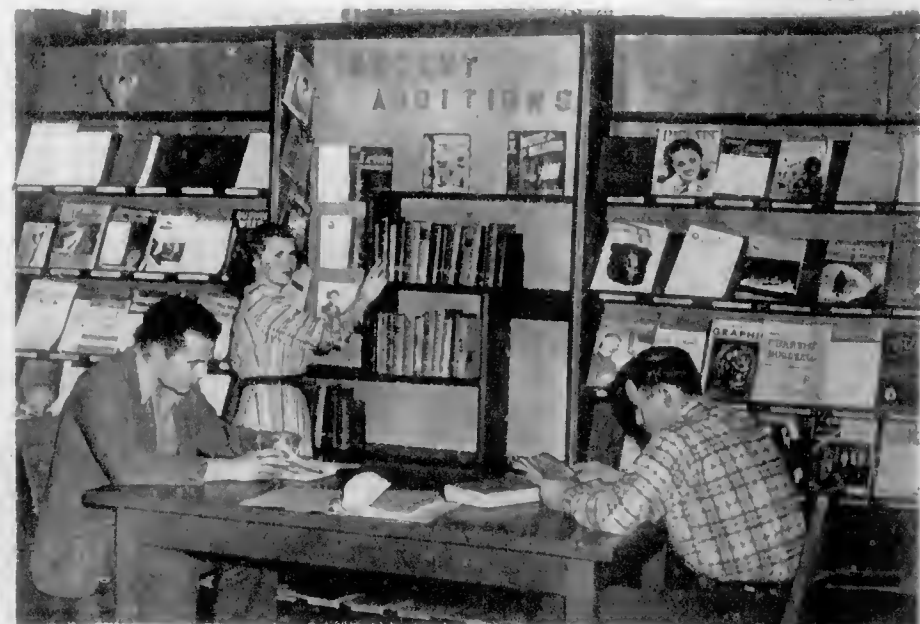
At eleven-thirty they go to the lunch room, each to the table and chair bearing his name, to don bibs that have self-help pulls easily managed by the youngest child. Cafeteria style encourages an informal atmosphere as well as independence in managing his own articles. The large plate con-

tains a small portion of each food on the menu. Each child eats all of this food, then any portions of second helpings he desires. He returns his cleaned plate to the serving table and gets his dessert. As each finishes his lunch, he is free to return his dishes to the serving table and remove his bib, rather than wait at the table for another child who dawdles.

The nursery school is a laboratory in which students in child development observe and later assist with young children of nursery school age, two to five years. Students are interested in the child's emotional, social, mental, and physical growth. Meal time provides a splendid opportunity for gaining a knowledge of behavior.



Two students, well on their way to being bookworms.



Students ponder over recent additions. Book report? Theme? We wonder too.

## You Don't Have To Be A Bookworm

Want to find some unique ideas on how to make bookends or necklaces? Well, the College Library can furnish all that information and more too. Ranging from what you can make with pinkish shears to fun with your camera the library books comprise a guide on how-to-do-it for many occupations and hobbies.

For instance, all of you girls will be agog with the new personality hints discussed so informally in Cues for You, by Mildred Ryan. Here you can discover in one easy lesson how to make people like you and . . . why people don't like you (of course, none of you falls in this latter category, so just skip that part). And, glamour seekers, here is definitely where you will find exciting ideas to pep up your wardrobe and personal grooming. Really, a quick reading of the Glamour magazine will do amazing things for you. All college coeds who are in the "know" put this little item on their must lists.

What price manners? You can be certain you will find in this library collection the latest work on etiquette. Coats on? coats off? Boy dates girl; names, please? Thumbing a la Emily Post? Are you in favor of Dutch dates? What exactly to do at a school dance? Manners in a man's world are of great importance and the up-to-date college man keeps up-to-date by checking over so often with the latest book on social procedure. You girls will use these social behavior books in studying up on do's and don'ts for dates. And when you marry . . . well, it just simply isn't done without consulting Mrs. Post.

Along about this time of the school year you socialites will be fuming over party plans for the spring festivities which slip up overnight like the spring daffodils. A Sadie Hawkins shindig could be loads of fun or a graduation party with a record theme, "Stars in Their Eyes." Lazy entertaining can really be fun when you come to the College Library for ideas on how to throw a party.

After attending the most popular club on the campus and pulling off the honor of getting yourself elected to the presidency of the organization, the first stop you will probably make is the . . . well, of all places . . . the Library. Why? But, indeed, to assimilate the rules of parliamentary order so that you will be on the ball when there is a constitution to be drawn up or a motion to be laid on the table.

Some short-sighted students every year may say to themselves: "Everything important in life—my social standing, having a car, how soon I can marry—depends on my getting a well-paid job where I can move up fast. Therefore, I am going to forget about everything in college but what will advance my career." Certainly you've got to think about the future and plan for some kind of goal. But what can you really do in college about your life-work problem? First, make a list of your personal assets and liabilities. What are you going at? What fields are you most interested in? Are you deft with your fingers? Can you handle figures accurately and quickly? Do you like to meet and talk with people? Do you like to express yourself with words, colors, sounds, rhythm? Find your two or three strongest points, and start reading the latest materials about your prospective career. Here is where the Library serves you again. There are intriguing and informative books on almost any career you can dream up. After all this isn't a job for the short pull. It's a job for a lifetime. And it's your life. So browse around in the 371,425's in the li-

(Continued from page 3)





Veterans' hayride highlights Vet Club activities.



My, My! can these girls play rummy; or is it rummy?

## RAMBLING THROUGH REED HALL

After packing away the last bit of tinsel, taking down the faded mistletoe and holly and regretfully bidding old St. Nick adieu for another year, we settled ourselves down to the task of keeping the campus informed on the activities of you, our dormitory girls; but we can't quite bear to put the bright, glittering holidays away entirely yet, so we wish to reminisce a bit. Thoughts of turkey, boiled custard, busy shoppers, long starchy nights when eleven wasn't the curfew, beautiful mornings of blissful sleep, etc., persist in dancing through our heads and from some of the glowing holiday reports we naturally bent an ear to, we are not by ourselves.

First and foremost out of all the exciting things we all enjoyed while home, none quite equals the glamour and excitement of having a sparkling diamond slipped on that third finger, left hand that was lucky Sally Campbell's lot. Anyone who has seen and talked to Sally Gal after that momentous occasion will tell you that no diamond, however glittering, can quite match that glow in her shining eyes and if you really want to see her beam, just mention anything to do with a wedding; she and James McAdoo, the prospective groom, will plight their vows in April. We say, when is a better time to start a brand new life than when the dogwood blossoms are in bloom, and the world is full of the soft promise of spring.

To come down off the pink clouds for a minute, we are all sorry Bill Patterson is not back with us this quarter and his familiar face will be missed in the living-room, but we know he and Jane squeezed in every possible minute together before school started again and of course, there are plans for many future dates. Getting back to our Christmas spirit, Santa Claus, who made a certain Ray, his special agent when it came to our favorite girl from Bells, really was good to Jackie Edwards and there were many oh's and ah's when she displayed her beautiful gifts, notice we say gifts, not just one, mind you.

In the gift category, Neely and Anne Carolyn vie for compliments on those makeup bags and have everyone envying them as they try out all the various powders and creams.

Sue B. says her best present was just getting to see that man again, although she got a lovely gift too; a lot of our girls felt that way. It's been three whole months for some since they'd seen that one and only. Not so, that Tommye Ready, though, but she says she was just as glad to see Jack as if it had been a year instead of a week since he had been up here.

Evelyn Harris would be sure to say that in the news department, she received the best of all during the holidays and we're mighty happy for her.

Bill Tomlinson may have been added incentive for Ralney to come back up here, but we hear she had wonderful time at home too.

Everyone had a marvelous time we're sure, but having so much to do, we cannot quite get the lowdown on everyone's holidays and gifts, so we, casting a regretful sigh after them, close the book on those wonderful, wonderful memories and tuck them away to bring out only once in a while, when life is just a little too grey and monotonous, to remind ourselves 'twas not always that way

and consequently will not always be.

My, before we turn philosopher let us return to more practical things, although how practical would you class a gay time at a college party, which was had last Saturday night by Ann Duran. Shortly Freeland is getting to be almost as frequent a visitor over here as some of the swains of last year. Katie Harris, whose escort was Henry Arnold, also speaks of a superb time.

It seems that our social affairs have not had time to gain much momentum since the holidays, but you can't keep a Reed Hall girl down so we predict a quick change.

We are now fascinated by reports of the formal being planned by a combination of both dorms. We intend the first formal of the '49 school session an event to be long remembered. Not too many girls have asked dates yet, so, boys, be on your toes and boys! the good news is this, the girls are footing the bill, except for a flower or two, which, of course, all you UTJC gentlemen wouldn't dream of taking a young lady to a formal function without.

With our time running short, we hastily bring to an end our offering for this time, with the promise of more exciting facts about our social to be divulged later and of course, who can predict what will happen to our girls between now and the next publication, but whatever it is, we guarantee we'll tell you, our readers, all about it.

## 'Something New In Marionettes'

Our assembly program Tuesday, January 11, 1949, A "Review in Miniature," was presented by Crawford Eagle and Grace Van Winkle, who are "Mr. and Mrs. in Private Life."

They have just completed their twenty-eighth year in the entertainment field, twenty-six of those years together. Hailing from the Pacific Coast, with experience in pictures, vaudeville, musical comedy and dramatic stock, they bring a wealth of experience to the field of puppetry which is reflected in the artful staging and manipulation of their Revue in Miniature.

In the fifteen years they have been identified with puppetry, they have traveled the major part of the United States. During the war years they played in camps and hospitals and toured the country for the Seventh War Loan Drive. They were manipulators for the Autolite Show and were featured in the road show production, "SHOWTIME."

The program included a comedy Master of Ceremonies, Elmer Van Winkle, in "Ding-Dong-Daddy from Dumas" and "Some Little Bug Will Find You Some Day"; (He must have been talking with Mr. Horton.) The Lane Sisters, "Tea for Two"; Wee Willie and his baton; Zaluna, for a touch of the Orient; Slata Bojangles Junior, "Tripple Taps"; Elviory Smith, Pumpkin Juggler; (Did you notice those beautiful blue eyes?). And for the more serious minded there was Professor Stanslous Stanslous and a lot of others.

The ranks of our audience was swelled by a number of grammar school students. The "Small-Fry," as well as the older students, seemed to enjoy themselves very much.

We are looking forward to another visit from Mr. and Mrs. Crawford Eagle. John McKnight.



Co-eds work out in Tumbling Class.

## 'Physical Education In The News'

"The only way to strengthen Democracy is to strengthen the minds, bodies and characters of those who believe in it."

It's a madhouse I tell you, the gymnasium that is. What with all the preparations for a bang-up basketball season, intramurals, and ye 'ole Carnicus come the 4th of March.

Speaking of basketball season, Mr. Henson, Mr. Vaughn and the boys are using up many weary hours and oceans of good honest sweat preparing for this season. So come win or lose fellows—we're with you and appreciate your efforts.

And that Vaughn man, could it be his charming personality that makes the fellows clamor to get to his classes or could it be that they like those splendid workouts he gives them each day?

The "White" Intramural team came out on top last quarter with the girls coping the Soccer tourney and the boys winning out in Volley Ball.

Mrs. Massey's classes are concentrating on Folk Dancing and Tumbling right now. The sophomores have their eyes on Modern Dance in about three weeks and the freshmen will dance right into Tumbling. And speaking of gym classes—(direct quote: Peg Beaver. Will I e-v-e-r make it up those stairs.)

## The Football Season In Review

The spotlight shines back into last year and looks over the results of the '48 football season. The team played throughout the year under the able leadership of Captain Harold Johnson.

During the year the Vols played only teams offering scholarships and with this in mind, showed up well. Though they did not win a game, they showed both the results of good coaching and a fine brand of sportsmanship.

Alternating along the front line of defense were Bill Brooks, John Roberts, Neil Smith, Charles Willoughby, and L. F. West at ends; at tackles were W. O. Patterson, Jerry Smith, Burleigh Parks, J. T. "Rooster" Rouse; guard posts were held down by Billy Covington, Harold Jenkins, Ben Lifsey, Lewis Martin, W. H. Milligan, and Dudley Sanders; centers were Jim Avery, "Bubba" Bland, and John Nance Paschall.

Running the backfield were Harold "Snake" Johnson, Harry Rhodes, Charles Bivens, Bobby "Gut" Holman, Billy "Bo Jack" Burrows, Bill Frank Cate, Charles Cochran, George "Shorty" Crain, Don "Scorpion" Looney, ill Moss, James Pace, Hugh "Chick" Roark, and last but not least Bobby Weaver.

Looking forward to next year's season will be Bobby "Gut" Holman, Billy "Bo Jack" Burrows, Billy Covington, Ben Lifsey, W. T. Milligan, ill Moss, James Pace, Burleigh Parks, John Nance Paschall, and Bobby Weaver. Let's wish them good luck next year. So fades the 1948 football season.—John Booth.



Miss Frances Anderson chosen Football Queen for '48 season. Her escort is Harold Johnson, Captain of the team.

## Basketball Highly Popular At Junior College

Basketball is rapidly becoming one of the most popular games at the College. Not too many years ago the game was heard of very little and was played out of doors on a dirt court. Today it is played in modern, spacious gyms which house from one to eight courts.

The students at UTJC, one and all, are behind the team 100 per cent. There is a good school spirit on the campus which is helped along by the faculty, who are just as much behind the team as are the students.

Basketball at the Junior College is open to anyone who wants to come out. A few weeks before Christmas are given over to try-outs to find out who is capable of being on the squad. After the Christmas holidays, practice begins in earnest. The squad usually consists of from twenty to thirty players, ten to fifteen on the "A" squad and the same number on the "B" squad.

The team will travel this year to several different states, including Mississippi, Kentucky, and Alabama. The schedule includes sixteen conference games ending with the Mississippi Valley Conference Tournament which is being held at the Junior College this year. Dates for this tournament are March 10-12. We believe many high-school students would enjoy seeing part or all of this tournament.

Under the very efficient coaching of J. C. Henson, who is head coach and coaches the "A" team, and Vincent Vaughn, assistant coach and in charge of the "B" team, UTJC is looking forward to a very successful season.

Fred McColium,  
Captain 1949 Team

## Look! Did You See?

It's a bird, it's a plane, it's a superman. That's what you think. It's our beaming editor, David Meek, as he attempts to be in all places at the same time, busy gathering material from the various pros for this issue of the Volete. We would catch a glimpse of a coat, then its tails, then a voice would come up out of the mist, proclaiming: "Any news today? The Volete must meet the



Shuffleboard precedes shuffling feet at UTJC social.

## A FABLE

Here's a fable about ants, written because ants are not given credit for possessing the power of reason and are, therefore, a nice, safe subject.

Once upon a time, before there were any people such as you and me in the world, the whole earth was inhabited by creatures called ants. Now all the ants had six legs, feelers, and such things as ants have. They were all closely related and looked much alike except for one thing. There were red ants and black ants.

The ants were organized socially. Each tribe had a system of government. They had learned how to build houses, rear children, etc. So, the ants were getting on pretty well in the world until an alert worker-ant stumbled upon the secret that there were different people.

Rushing madly back toward the anthill, the worker crossed antennae with another member of her tribe. The other felt the excitement in the worker's trembling feelers and naturally asked questions. Then the ant was out of the bag, since they had no cats in those days.

"They're different," cried the worker. "Who's different?" the other asked.

"The ants I met in the valley. They are black! I thought that all ants were red like us, but I tell you I saw a column of black ants moving into our valley over the mountain."

The other did not wait for details. She set off to inform the other members of her tribe. Rumors flew thick and fast. Soon word reached the elders of the tribe. Horrified at such an unforeseen catastrophe, the elders called a council.

The council decided that since there were different-colored ants in the world, there must be a war. It was unthinkable that red ants and black ants could be friends.

No one questioned this decision. It certainly was not the business of the worker to question. Her job was to work according to instruction. The elders did not question the decision because elders had always made decisions, and that made it right.

The queen did not question, of

course, because she was much too busy laying eggs; so the war was on. All the workers sharpened their forceps and fell upon the ants across the mountain. Naturally the blacks defended themselves and later sent invading forces. The result was that the ants lost their grip on the world, which was a tragic loss. However, the most tragic thing was that ants of both tribes kept the feud going by telling their children that the others were different. To this day, if you were to ask a friendly ant just what started the trouble, he'd answer, "They're just different!"

Most of us today would say that we do not believe in fables. Well, perhaps that's true. But try this. If someone tells you that his group is superior or that your group is superior, and he does not give any reason except that "the others are different," stop one moment before you swallow the tale. Ask yourself if he has any basis for his story. Can he give any reasons which are not warped or twisted? Is it fact or fable?

Darrell Terrell

## Captain Of Basketball Team

Fred McColium is the captain of the Junior Vols basketball team of 1949. Fred hails from Covington, Tennessee. He was a basketball letterman last year, manager of the football team, and this season will lead the Junior Vols' basketball team. Good luck to you, Fred, for a successful season.

John Booth

## The Junior College Counseling Program

The counseling of Junior College students is under the direction of a Counseling Committee which coordinates the work of the Counseling Program. Each Junior College teacher serves as a Counselor for a group of ten to twenty students and attempts to help them solve problems which may arise during the time they are on the campus. Each student is thus provided with a friendly advisor in addition to his Curriculum Head.

George Horton, Chairman  
Counseling Committee



Models help the student.



# Better Farmers and Better Farming is Aim of Agriculture

## A Tree, Agriculture and You

Agriculture is usually thought of as being just plain farming. Mr. Webster says that agriculture is the art of science of cultivating the ground, the production of crops and livestock on a farm. We invite all students who are interested in seeing and learning modern methods of agriculture to visit the University of Tennessee Junior College.

Agriculture is like a tree; it branches out in all directions and affects everything in its surroundings. Each branch represents a different phase of agriculture. Some of the great tree branches are: agricultural education or Smith-Hughes vocational agriculture, agronomy, agricultural economics, rural sociology, animal husbandry, dairy, horticulture, rural engineering, agricultural engineering, and agricultural business. Each of the branches has smaller branches that spread out and cover larger areas. We never get to the end of the branches because new twigs are growing very year. New methods, new machines, new chemicals, new fruits and vegetables, new materials, and numerous other new twigs are growing on this great tree each year. The soil conservation practices been taught and carried out and enabling the roots of this tree to sink deeper and deeper, thus enabling the many branches to grow more efficiently.

We go to the many classrooms and meet the many capable and efficient instructors that represent the different branches of our tree. We settle down and learn the fundamental principles of a certain thing; then we are on our way to the barn, field, orchard, chicken, yard, greenhouse and nursery, or shop to apply the principles we learned in class by actually performing the task.

Two years of study at the University of Tennessee Junior College will give the student a background of which he can be proud. With this type of background the student may continue his education in some higher institution of learning or make a place for himself in the economic or social life of his community.

For all high school graduates that may not be able to continue in school for four more years but would like to have some more training, the opportunities at the University of Tennessee Junior College will be worth many times the effort and time spent. Many jobs today require only two years of college agriculture. We do not recommend that students stop with only two years of work; that is not our purpose, but many students may not be able to continue at the present time. We are stating the possibilities to be gained by attending the University of Tennessee Junior College for two years.

We must not forget the tie that binds together all students taking agriculture. This tie is "The Agriculture Club" to which all students in agriculture are eligible for membership. It is the largest and most active club on the campus. The purpose of this organization is to develop closer relations among the agriculture students, give them a chance to discuss and solve their problems together, and to develop student leadership. The club plays a very active part in the social life of the campus with its annual Barnwarmin' square dance, and banquet.

The club has also presented many radio programs from the studio here at the college and sponsored some very outstanding speakers and programs at the regular assembly.

John A. Yates.



Class this is of sub-phylum chordata, class Mammalia, order Herivoria. In other words—a lot of bull.

## Why I Am Studying Agricultural Engineering

Agricultural Engineering, according to the definition given by the American Society of Agricultural Engineers, is the application of all branches of engineering to the extent that they may be used in farming, in rural living, in the processing of farm products, and in allied activities. Those who follow the profession usually branch off into one of four specialized fields: farm power and machinery, far structures, rural electrification, or soil and water control and conservation. All these fields have to do with engineering; they also have to do with agriculture. For a person interested in both of these subjects, what career could satisfy his ambitions more than

that of being a professional agricultural engineer? None I would say, because I am studying the subject for that very reason. In addition, I have other reasons.

Farming and its related activities have many problems that only applied engineering can solve. The problems of soil conservation and erosion control must have the engineer's skill and technical knowledge, in order to be worked out satisfactorily. The rapid rate at which farms are becoming mechanized means that engineers are going to be needed in increasing numbers to design, develop, and maintain and service the machinery for the processing of farm products and the processing methods themselves will also need his technical knowledge and ability. Thus I want to be an agricultural

engineer so that I may help improve the farm and its products which means the health of the general public, and the way of life of farm people.

The fact that agriculture engineers are being called upon to fill more and more positions with industrial firms and farm concerns does not darken my vision of being one of those engineers in the future. Who doesn't want a job that pays well, gives "wide open space" working conditions, and furnishes opportunity for advancement.

To summarize, I am studying agricultural engineering so that I may learn the principles of engineering and so that I may apply them toward improving agriculture.



John Yates and Ann Duran, King and Queen of annual Ag Club Barnwarmin'. From the background comes the music.

## The Social Side of Life At UTJC

(Continued from page 1)

have so endeared themselves to the hearts of the students they deserve special recognition.

First of all is the Hobo Hop in October, which is just what the name implies, when many strangely-dressed characters put in an appearance at the gym. Being so close to Halloween has a decided influence here.

Next is the Barnwarmin' sponsored each November by the Ag Club. This is an annual event, both at big U. T. and the Junior College. It is a time when all that is rustic in ourselves is allowed free rein. Calico and overalls are the order of the day. A king and queen are crowned at this affair and the mystery of their identity is the cause for speculation weeks ahead of time.

The Christmas party is another tradition of the fall quarter. It is a time for Santa Claus, holly wreaths, mistletoe, Christmas trees, and plenty of Christmas spirit. It is always looked forward to as the last and best social before Christmas.

For the Winter Quarter the Valentine Formal is a familiar event for sophomores and an eagerly awaited one for freshmen. Cupid is very much in evidence and the pretty girls in delightful formal look like dainty Valentines, themselves.

The Spring Formal or annual Commencement Dance has a beloved nostalgia for the sophomores, for whom it is a memorable event to bring to an end two wonderful years at the Junior College.

In closing we wish to say to any prospective students of the College, come to UTJC; you won't be disappointed in the social side of your college life.—Peggie Beaver.

## Agriculture A Broad Field Of Study

In a few months many young men of the rural sections of Tennessee will complete their high school course of study. Each graduate should give serious consideration and thought for the future. Many graduates will continue their school work by entering college. Each high school graduate who is interested in studying agriculture should consider very thoughtfully the possibilities offered by the University of Tennessee Junior College. The first two years' course of study in the school of agriculture is basically the same as is given at the parent institution. Upon the completion of the two years' course of study here, a student can enter the University of Tennessee or any other landgrant college and secure his degree in two more years. There are many phases of agriculture, agronomy, agricultural economics, rural sociology, dairy production, dairy manufacturing, poultry husbandry, horticulture, rural engineering, agricultural engineering, agricultural business, and many other branches of agriculture.

Training in any of these branches of agriculture will give the student a broad field of knowledge in agriculture. He can profit immediately by applying this knowledge in his farming operations, or he may put this knowledge to use as an agricultural leader. At the University of Tennessee Junior College the students taking agriculture make rapid progress under the supervision of the well-qualified professors. The farm, livestock, poultry, and modern farm equipment are used as laboratory materials. The theory taught in the classrooms is illustrated and demonstrated on the college farm.

The department is headed by Mr. McMahan who, along with the other faculty members, welcomes any and all young men who are seeking to broaden their knowledge of this heritage—the soil—and all that goes with it. Although this field is the immediate concern, there are many other things which will make the student's life full and complete.

The boys have one of the outstanding clubs on the campus in the Ag. Club. Consisting of agricultural students, the club sponsors the annual "Barnwarmin'" square dances, banquets, radio programs, speakers for assemblies, and other projects. Officers are elected each quarter and regular meetings are held.

Working hard, playing fair, strengthening aims, and looking ahead are qualities which are and always will be cultivated to the highest level on the Junior College campus. This is a challenge to you. Will you face it and go up, or will you slip and falter? Correct decisions bring high rewards.

—Neil Smith

We add lime, phosphate, potash, nitrogen, or other minerals to correct certain soil deficiencies. Not all of us desire or need to become "soil doctors," but we do need to know our soil well enough to manage it so that serious "ailments" will not occur.

Kenneth Johnson.



Agriculture class observes good points of dairy cows.

## Dairying—The Most Important Agricultural Industry

Though for thousands of years dairying has been an important industry on the farm, only recently has it become the main source of income for the American agriculturalist. Several factors of importance not only indicate but also prove that the dairy industry is here to stay. It has become an industry, however, requiring much knowledge and skill concerning the habits, characteristics, and structure of the dairy cow. The average yearly production from each cow has increased tremendously within the last fifteen years, but with our national population increasing yearly, the dairyman must seek to get more and more milk from his herd.

The dairying procedure practiced on the University of Tennessee Junior College farm is aimed at increasing production and students of the college are given the full benefits of observation and actual practice in this procedure. The dairy herd is made up of approximately 65 cows and heifers, including an average of about 35 in the milking herd ranging up or down somewhat from month to month.

The college offers courses in dairying which are vital in basic dairy procedure and experience. Judging of type, fitting for shows, milking procedure, milk handling, and milk testing are included in these courses and are handled very aptly by the professors heading the dairy department.

This school is intensely interested in bringing the dairy industry to the front in the South. Here it has its greatest possibilities, and yet many farmers have not recognized the vast potentialities ready to be of service to them. Good climatic conditions, nearness to market, and low transportation costs should be an incentive to expansion of the dairy industry in this region.

The University of Tennessee Junior College invites dairy-minded young Americans to participate in its program of furthering the dairy industry and thereby moving farm living conditions in this area.—Donald March.

## Livestock Management

The words "livestock management" are self-explanatory to most people, but to the agriculture students at the University of Tennessee Junior College livestock management is a comprehensive study of the production, care, and feeding of the various types of farm animals. These animals play an important part in the conservation of our productive farm lands, and we know that diversified agriculture with the production of livestock is in many ways the most satisfactory and inexhaustible of sciences.

At the Junior College there are several courses of this type of training in which the student learns to produce, care for, and maintain vigorous, healthy animals which will make farming more profitable. These courses include the study of various market types, classes, and breeds of animals, as well as their carcasses.

The actual work with different types of livestock includes shearing wool from sheep, blood testing poultry for Pullorum disease, blood testing cattle for Bangs, trimming various animals' feet, and general grooming of all the different types of farm animals for livestock showing. This type of healthy animals produced will make the most profit on feed and well-seeded pastures. These courses also deal with cleaning, disinfecting, and maintenance of barns and lots, so that farm animals will be protected from diseases, parasites, and pests.

These are only a few ways in which the Junior College students in agriculture are learning to become good farmers, for we know that a good farmer is always one of the most intelligent and best-educated men in our society. A good farmer in our times has to know more about more things than a man in almost any other profession. He has to be a biologist, a veterinarian, a mechanic, a botanist, a horticulturist, and many other things, and he has to have an open mind, eager and ready to absorb new knowledge and new ideas. Virgil Sigler.

## U. T. J. C. Poultry Department

Poultry raising is more closely associated with the home than any other farm activity. More than eighty-five per cent of all farmers in Tennessee and the nation keep poultry. Many people in the towns and cities keep poultry, also. In addition to the food supplied by poultry, "egg money" often becomes comforts and conveniences in the home for all the family to enjoy. As an animal enterprise poultry is second only to dairying. For the past several years poultry receipts have amounted to more than three billion dollars each year. Tennessee and other states of the South import much poultry and many eggs from the Mid-western states. There is a good opportunity in Tennessee to improve the quality and increase the production of poultry and eggs.

The University of Tennessee Junior College Poultry Department under the supervision of Mr. McMahan has made an outstanding record with poultry and poultry products. In 1948 the receipts from poultry and poultry products amounted to more than \$11,000. The poultry department has three main purposes: first, it is used as a laboratory for teaching the practices of poultry raising; second, it provides food for the boarding college students; third, it furnishes this and surrounding areas with breeding stock and baby chicks for broiler and egg production purposes.

The poultry department now has White Rock hens and the Nichols and Christie strains of New Hampshire hens. The department is equipped with an air force incubator in which all of the University's baby chicks are hatched. The baby chicks are started in 10 by 12 feet Tennessee brooder houses. Here they are cared for until they are six to eight weeks old. Then the chicks are moved to range houses where they have access to green grass and sunlight. Before winter the chickens, now pullets, are moved to the laying house. The University has two 20 by 70 feet straw



Donald March receives Alpha Zeta cup for outstanding work in Freshman Ag from J. E. McMahan, head of Ag Department

loft laying houses which will take care of 300 hens each. Another laying house that was constructed this fall is 30 by 70 feet and will house 450 hens. Each of these houses is equipped with modern conveniences such as automatic water fountains, electric water heaters, electric lights, sanitary dropping pits, and concrete floors.

Poultry husbandry, as taught at the Junior College, is a practical and interesting course. Not only are the classes, breeds, and varieties taught, but also the construction of laying and brooder houses. Diseases and parasites and their control are discussed fully. The importance and use of a balanced ration and feeding practices are discussed. The student is given the practical information on how to select the best hens for breeders and how to cull out the non-producing hens. The importance of blood testing is taught in the classroom as well as getting experience by blood testing breeding birds during the laboratory periods.

All agricultural students are required to take this course. Home economics students who plan to do extension work upon completion of their degree are urged to take this course also. A basic knowledge of the approved practices in poultry keeping is as important for the owner of a small farm flock as it is for the owner

## COLLEGE ENDS 21 YEARS OF SERVICE

(Continued from page 1)

to face the future civilian life as courageously as they had faced the perils of warfare.

Today the Junior College, having survived the perils of infancy, has passed her twenty-first birthday and is looking toward the future with every prospect of continuing to fulfill her mission—preparing young men and women as the wise Seneca said, "not for school but for life."



of a large poultry plant. Noble C. Stephens

